

### Abstract

A sliding door system for a vehicle with a vehicle body having a door opening and a sliding door (3), comprises a guide rail (1) which can be mounted at or in the vehicle body in the proximity of the door opening, a guide element (2) which is displaceable along the guide rail (1) and which is connected to the sliding door (3) by way of a holding arm (5), a line receiving means (15) of pivotably interconnected members (16) for receiving and guiding electric lines (20) from a connection on the vehicle body to a connection at the sliding door (3), wherein the line receiving means (15) is guided in a guide device. In order to provide such a sliding door system which has a space-saving structure and which is suitable for the subsequent installation of a line receiving means (15) for the energy supply for the sliding door (3) it is proposed that the guide device for the line receiving means (15) is integrated into the guide rail (1) for the guide element (2) of the sliding door (3). (Figure 1).